

ABSTRACT

A transmission for a wheel type working vehicle which makes it possible to reduce a size of a transmission mechanism for transmitting a mechanical driving force and a hydraulic driving force from the transmission to a front and rear wheel driving output shaft that is along a vehicle longitudinal direction. For this purpose, a bevel gear (49) and a cylindrical gear (50) are included at a front and rear wheel driving output shaft (20) for transmitting the mechanical driving force and the hydraulic driving force to front and rear wheels, and the front and rear wheel driving output shaft (20) is connected to an output shaft (21) of a mechanical transmission mechanism (15) via a bevel gear transmission mechanism (22), and is also connected to a hydraulic power transmission mechanism (24) connected to a hydraulic motor (17) via a cylindrical gear transmission mechanism (25).